

WHAT IS CLAIMED IS:

1. A layered product usable as a soundproofing element in vehicles, comprising a layer constituted by a load-bearing mat, further comprising at least one layer of non-woven fabric made of fibers of thermoplastic materials impregnated with resins selected among thermosetting resins and thermoplastic resins with the addition of crosslinking agents, said layer  
5 being bonded so as to cover at least one side of said load-bearing mat.

2. The layered product of claim 1, wherein said non-woven fabric is constituted by polyester fibers impregnated with resins selected among  
10 thermosetting resins such as resols, thermoplastic resins such as acrylic resins, with the addition of crosslinking agents such as melamine resins and/or urea resins.

3. The layered product of claim 1, comprising a load-bearing mat made of polyurethane, to which a thermosetting polyurethane bonding agent  
15 is applied on at least one side, wherein it comprises, so as to cover said at least one side of said mat, at least one layer of non-woven pile fabric made of polyester fibers and impregnated with resol.

4. A non-woven fabric impregnated with resins of a type that is used for manufacturing bituminous coatings, combined with at least one load-  
20 bearing mat, to form a soundproofing layered product for vehicles.

5. The combined non-woven fabric and mat of claim 4, wherein said load-bearing mat is made of polyurethane.